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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

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Complete if Known

Application Number	09/682,467
Filing Date	06 September 2001
First Named Inventor	Rowley
Group Art Unit	3627
Examiner Name	Unknown E. Nicholson

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GROUP 3600

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	US 3,013,310		Foster et al.	12-19-1961	
	AB	US 3,470,900		Rothauser	10-07-1969	
	AC	US 3,719,209		Rush et al.	03-06-1973	
	AD	US 3,723,946		Weatherup et al.	03-27-1973	
	AE	US 3,843,300		McFarlane	10-22-1974	
	AF	US 3,917,497		Stickler	11-04-1975	
	AG	US 3,929,958		Parmann	12-30-1975	
	AH	US 4,005,879		Berger et al.	02-01-1977	
	AI	US 4,009,982		Maier	03-01-1977	
	AJ	US 4,014,568		Carter et al.	03-29-1977	
	AK	US 4,039,212		Skarud	08-02-1977	
	BA	US 4,081,190		Itzler	03-29-1978	
	BB	US 4,113,813		Wilson	09-12-1978	
	BC	US 4,135,961		Yoshizawa et al.	01-23-1979	
	BD	US 4,140,739		Cotton	02-20-1979	
	BE	US 4,152,817		Cotton	05-08-1979	
	BF	US 4,175,917		Cotton	11-27-1979	
	BG	US 4,177,237		Ueno et al.	12-04-1979	
	BH	US 4,264,490		Berejka	04-28-1981	
	BI	US 4,209,597		Bremholt	06-24-1980	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
	AL	CA	938,952		Fiberglass Resources Corp.	12-25-1973		
	AM	DE	28 38 731		Wavin B.V.	03-20-1980		
	AN	GB	750,906		cromwell & Co.	06-20-1956		
	AO	GB	1,172,566		Ruberoid Co. Ltd.	12-03-1969		
	AP	GB	1,421,530		Pryor	01-21-1976		
	AQ	EP	033 587 A1		Wirsbo Bruks Aktiebolag	08-12-1981		
	BL	WO	84/01988		Wirsbo Bruks Aktiebolag	05-24-1984		
	BM	WO	85/03251		Wirsbo Bruks Aktiebolag	08-01-1985		

Examiner Signature

Date Considered

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Sheet 2 of 3

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Application Number	09/682,467
Filing Date	06 September 2001
First Named Inventor	Rowley
Group Art Unit	3627
Examiner Name	Unknown E. M.
Attorney/Agent/Packet Number	30088-0112

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		Number	Kind Code ² (if known)			
BJ	US 4,264,661			Brandolf	04-28-1981	
BK	US 4,266,815			Cross	05-12-1981	
CA	US 4,316,870			Rowley	02-23-1982	
CB	US 4,342,800			Changani et al.	08-03-1982	
CC	US 4,343,800			Kope et al.	08-10-1982	
CD	US 4,343,864			Berejka	08-10-1982	
CE	US 4,446,084			Rowley	05-01-1984	
CF	US 4,525,136			Rowley	06-24-1985	
CG	US 4,575,044			Gentry	03-11-1986	
CH	US 4,614,208			Skarelius	09-30-1986	
CI	US 4,664,423			Rowley	05-12-1987	
CJ	US 4,690,632			Carrow	09-01-1987	
CK	US 4,783,303			Imgram	11-08-1988	
DA	US 4,803,033			Rowley	02-07-1989	
DB	US 4,887,852			Hancock	12-19-1989	
DC	US 4,991,876			Mulvey	02-12-1991	
DD	US 5,364,135			Anderson	11-15-1994	
DE	US 5,527,503			Rowley	06-18-1996	
DF	US 5,622,670			Rowley	04-22-1997	
DG	US 5,833,279			Rowley	11-10-1998	

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Sheet 3 of 3

Application Number 09/682,467

Filing Date 06 September 2001

First Named Inventor

Group Art Unit 3627

Examiner Name Unknown

Attorney Docket Number 39188.6

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